

ABSTRACT OF THE DISCLOSURE

A random number generator includes a flip-flop in which an output state (0 or 1) becomes definite according to a phase difference between signals inputted to two input units, a
5 delay unit for producing the phase difference in these two input signals, and a feedback circuit for controlling the phase difference so that an occurrence ratio of 0 or 1 of an output from the flip-flop by the input signals is constant
10 within a specified repetition cycle.